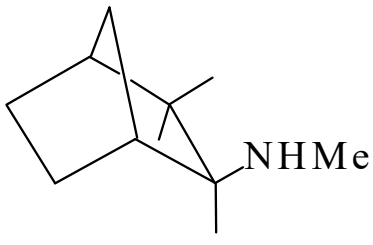
>>**Entry Name: Mecamylamine,** BAN, INN
Synonym(s): *N*,2,3,3-Tetramethylbicyclo[2.2.1]heptan-2-amine, 9CI. 2,2,3-Trimethyl-3-(methylamino)norbornane. 3-(Methylamino)isocamphane. Many other names



(+)-*form*

CAS Registry Number: 60-40-2

Molecular Formula: $C_{11}H_{21}N$
Molecular Weight: 167.294
Accurate Mass: 167.167399
Percentage Composition: C 78.98%; H 12.65%; N 8.37%
Use/Importance: Nicotinic channel blocker. Antihypertensive agent. Ganglion blocking agent
Calculated Log P Data: Log P 2.82 (calc)
Hazard & Toxicity: LD_{50} (mus, orl) 90 mg/kg

>>**Variant:** (+)-form
Molecular Formula: $C_{11}H_{21}N$
Molecular Weight: 167.294
Accurate Mass: 167.167399
Percentage Composition: C 78.98%; H 12.65%; N 8.37%

>>**Derivative:** Hydrochloride

Optical Rotation: $[\alpha]_D$ +20.1 ($CHCl_3$)

>>**Derivative:** Hydrobromide

Melting Point: Mp 262-264 dec.°
Optical Rotation: $[\alpha]_D^{25}$ +20.6 (c, 0.015 in $CHCl_3$)

>>**Variant:** (–)-form

Molecular Formula: $C_{11}H_{21}N$
Molecular Weight: 167.294
Accurate Mass: 167.167399
Percentage Composition: C 78.98%; H 12.65%; N 8.37%

>>**Derivative:** Hydrochloride

Physical Description: Cryst. (2-propanol)
Melting Point: Mp 258-261°
Optical Rotation: $[\alpha]_D$ –20 ($CHCl_3$)

>>**Variant:** (±)-form

Molecular Formula: $C_{11}H_{21}N$
Molecular Weight: 167.294
Accurate Mass: 167.167399
Percentage Composition: C 78.98%; H 12.65%; N 8.37%
Boiling Point: Bp_4 72°

>>**Derivative:** Hydrochloride
Synonym(s): Mecamylamine hydrochloride, USAN**.** Inversine

CAS Registry Number: 826-39-1
Melting Point: Mp 245.5-246.5 dec.°
Hazard & Toxicity: LD_{50} (rat, orl) 208 mg/kg

Sigma: M2380

References: